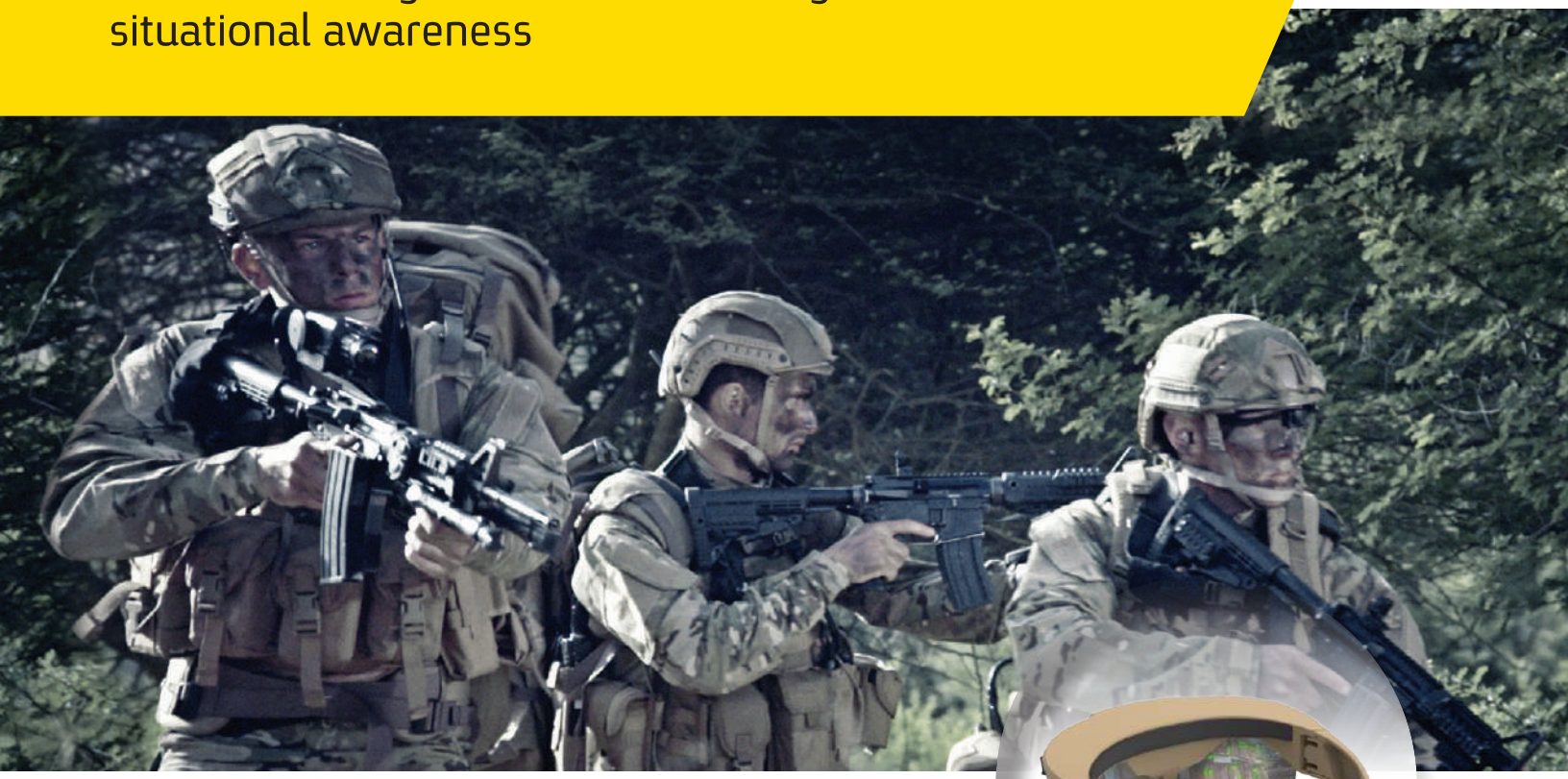
SmartEye

Smart ballistic glasses for see-through situational awareness



Fully integrated with Elbit Systems' DOMINATOR™ warrior combat suite, SmartEye is head-mounted eyewear providing the dismounted commander with see-through augmented reality symbology and imagery. SmartEye combines ergonomic ballistic goggles with a real-time geo-oriented C² display. The glasses also provide instant identification and registration of images to a 3D imagery database.

SmartEye's dynamic adjustable display features an intuitive tactile user interface, with the processing unit located in the soldier's vest or helmet. SmartEye's advanced inertial unit performs line-of-sight (LOS) and precise participant location and identification (PPLI) calculations. The glasses can interface with multiple video sources, including weapon sights, unmanned aerial systems (UAS) and reconnaissance unit inputs. SmartEye can be integrated with a helmet-mounted night sensor for enhanced operation during night missions.

Elbit Systems™
C4I and Cyber

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Key Features

- Ballistic lenses
- Interfaces with multiple video sources
- Dynamic adjustable display
- Intuitive tactile UI
- Integrated inertial unit
- HD day camera
- Clip-on diopter
- Autonomous energy source
- LOS and PPLI calculations
- See-through monocular with 32˚ FOV

Key Benefits

- Instant situation awareness
- Fully integrated with DOMINATOR™ warrior combat suite
- Real-time image detection

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